UCLARF.004NP **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

: Verbauwhede et al.

App. No

10/586,846

Filed

July 20, 2006

For

LOGIC SYSTEM **FOR DPA** SIDE

RESISTANCE AND/OR

CHANNEL ATTACK RESISTANCE

Examiner

: Matthew C. Tabler

Art Unit

2819

Conf No.

: 3453

CERTIFICATE OF EFS WEB TRANSMISSION

I hereby certify that this correspondence, and any other attachment noted on the automated Acknowledgement Receipt, is being transmitted from within the Pacific Time zone to the Commissioner for Patents via the EFS Web server on:

April 16, 2010

(Date)

Sean Ambrosius, Reg. No. 65,290

AMENDMENT AND RESPONSE TO OFFICE ACTION DATED DECEMBER 16, 2009

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated December 16, 2009, Applicants respectfully submit the following amendments and comments in connection with the above-captioned application.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 10 of this paper.